

STN Columbus

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 "Ask CAS" for self-help around the clock
 NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
 STN Express with Discover!
 NEWS 4 OCT 28 KOREAPAT now available on STN
 NEWS 5 NOV 30 PHAR reloaded with additional data
 NEWS 6 DEC 01 LISA now available on STN
 NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004
 NEWS 8 DEC 15 MEDLINE update schedule for December 2004
 NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness
 alerts (SDIs) affected
 NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
 NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
 NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
 NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and
 February 2005
 NEWS 17 JAN 26 CA/CAPLUS - Expanded patent coverage to include the Russian
 Agency for Patents and Trademarks (ROSPATENT)
 NEWS 18 FEB 10 STN Patent Forums to be held in March 2005
 NEWS 19 FEB 16 STN User Update to be held in conjunction with the 229th ACS
 National Meeting on March 13, 2005

 NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

 NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS INTER General Internet Information
 NEWS LOGIN Welcome Banner and News Items
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

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 specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 06:38:23 ON 22 FEB 2005

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 06:38:52 ON 22 FEB 2005

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 20 FEB 2005 HIGHEST RN 834857-08-8
DICTIONARY FILE UPDATES: 20 FEB 2005 HIGHEST RN 834857-08-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

L1 SCREEN CREATED

=>

L2 STRUCTURE UPLOADED

=>

L3 QUE L2 AND L1

=> s l3 sam sss

SAMPLE SEARCH INITIATED 06:40:37 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 67 TO ITERATE

100.0% PROCESSED 67 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 849 TO 1831

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L2 AND L1

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.72

1.93

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 06:41:07 ON 22 FEB 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 06:43:16 ON 22 FEB 2005

FILE 'REGISTRY' ENTERED AT 06:43:16 ON 22 FEB 2005

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.72

1.93

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=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.58	2.79

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 06:44:33 ON 22 FEB 2005

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 06:46:16 ON 22 FEB 2005
FILE 'REGISTRY' ENTERED AT 06:46:16 ON 22 FEB 2005
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.58	2.79

=>

L5 STRUCTURE UPLOADED

=> s 15 sam sss
SAMPLE SEARCH INITIATED 06:47:31 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 93 TO ITERATE

100.0% PROCESSED 93 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1282 TO 2438
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 sss full
FULL SEARCH INITIATED 06:48:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1967 TO ITERATE

100.0% PROCESSED 1967 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.01

L7 5 SEA SSS FUL L5 — *Save J*

=> d bib ab hitstr 1-5
'BIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
'AB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
'HITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used

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SQN - Protein sequence name information, includes RN
CALC - Table of calculated properties
EPROP - Table of experimental properties
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):end

=> fil ca

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	165.20	165.41

FILE 'CA' ENTERED AT 06:48:42 ON 22 FEB 2005
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FILE COVERS 1907 - 17 Feb 2005 VOL 142 ISS 9
FILE LAST UPDATED: 17 Feb 2005 (20050217/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s 17

L8 2 L7

=> d bib ab hitstr 1-2

L8 ANSWER 1 OF 2 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 141:173964 CA

TI Preparation of organophotoreceptors with charge transport materials having
two linked hydrazone groups

IN Tokarski, Zbigniew; Jubran, Nusrallah; Getautis, Vytautas; Daskeviciene,
Maryte; Gaidelis, Valentas; Jankauskas, Vygintas

PA Samsung Electronics Co., Ltd., S. Korea

SO Eur. Pat. Appl., 25 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1443039	A1	20040804	EP 2004-250289	20040121
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2004152002	A1	20040805	US 2003-749174	20031230
	JP 2004234005	A2	20040819	JP 2004-20899	20040129
PRAI	US 2003-443919P	P	20030131		
	US 2003-749174	A	20031230		

OS MARPAT 141:173964

AB The present invention provides an organophotoreceptor comprising an elec.
conductive substrate and a photoconductive element on the elec. conductive
substrate. The photoconductive element comprises linked hydrazones I
[R1-R5 = independently alkyl, alkaryl, aryl, heterocyclyl; R6, R7 =
independently H, alkyl, alkaryl, aryl, heterocyclyl; Y = branched or
linear linking alkylene group (CH2)_m where 1 or more of the methylene
groups are optionally replaced; m = 1-20; X = aryl, heteroaryl; Z =
arylamine group, such as carbazole, julolidine, or (N,N-
disubstituted)arylamine group] and a charge generating compd. Thus,
condensation of Ph2NNH2.HCl with 4-(diethylamino)-2-hydroxybenzaldehyde
gave the corresponding hydrazone, which reacted with epoxypropyl hydrazone
II (prepn. given) to yield linked hydrazone III. Charge mobility
measurements and ionization potentials of the prepd. linked hydrazones are
given. Corresponding electrophotog. apparatuses and imaging methods are
also described.

IT 688008-07-3P 688008-08-4P 688008-09-5P

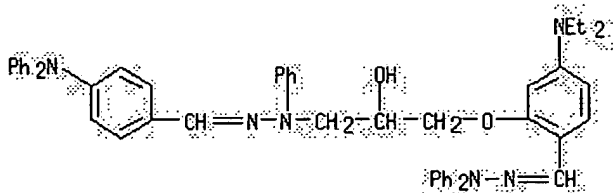
688008-10-8P 688008-11-9P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of organophotoreceptors with charge transport materials having
two linked hydrazone groups)

RN 688008-07-3 CA

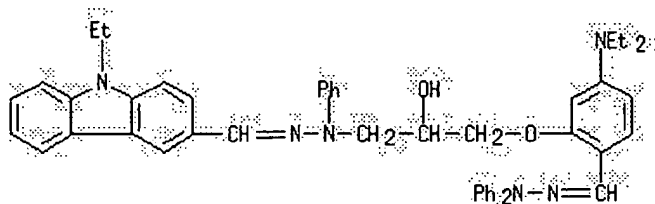
CN Benzaldehyde, 4-(diethylamino)-2-[3-[[[4-(diphenylamino)phenyl]methylene]p
henylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX
NAME)

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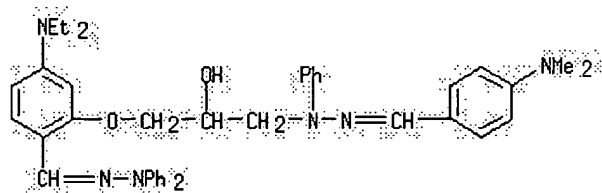
RN 688008-08-4 CA

CN 9H-Carbazole-3-carboxaldehyde, 9-ethyl-, [3-[5-(diethylamino)-2-[(diphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazone (9CI)
(CA INDEX NAME)



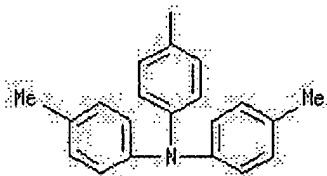
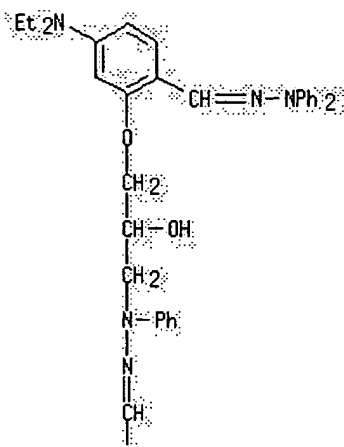
RN 688008-09-5 CA

CN Benzaldehyde, 4-(diethylamino)-2-[3-[[[4-(dimethylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX NAME)

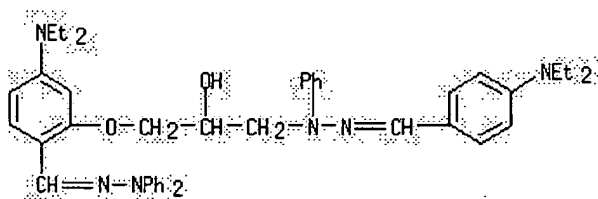


RN 688008-10-8 CA

CN Benzaldehyde, 2-[3-[[[4-[bis(4-methylphenyl)amino]phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-4-(diethylamino)-, diphenylhydrazone (9CI)
(CA INDEX NAME)



RN 688008-11-9 CA
 CN Benzaldehyde, 4-(diethylamino)-2-[3-[[[4-(diethylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 2 CA COPYRIGHT 2005 ACS on STN

Full Text

AN 140:397343 CA

TI Organophotoreceptor with charge transport compound with hydrazone groups

IN Tokarski, Zbigniew; Montrimas, Edmundas; Paulauskaite, Ingrida; Law, Kam W.; Jubran, Nusrallah; Gaidelis, Valentas; Jankauskas, Vygtintas; Getautis, Vytautas

PA Samsung Electronics Co., Ltd., S. Korea

SO Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

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DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1418469	A2	20040512	EP 2003-256699	20031023
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2004106054	A1	20040603	US 2003-644547	20030820
	JP 2004151725	A2	20040527	JP 2003-367665	20031028
PRAI	US 2002-421182P	P	20021028		
OS	MARPAT 140:397343				

AB This invention relates to a novel organo-photoreceptor that comprises at least one photoconductive element comprising (a) a novel charge transport compd. having the formula I (R1 = carbazole group, julolidine group, p-(N,N-disubstituted) arylamine; R2-6 = alkyl group, aryl group; R7,8 = H,alkyl group, aryl group; X = oxygen, sulfur, NR' group; R' = H, alkyl, aryl group; Y = trivalent aryl group); (b) a charge generating compd.; and wherein the at least one photoconductive element is carried on an elec. conductive substrate.

IT 688008-07-3P 688008-08-4P 688008-09-5P

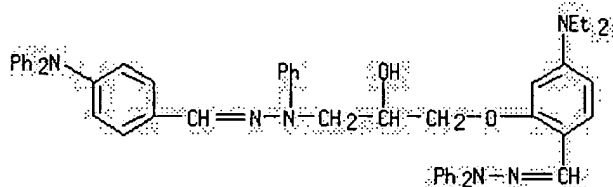
688008-10-8P 688008-11-9P

RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(electrophotog. organo-photoreceptor with charge transport compd. with hydrazone groups)

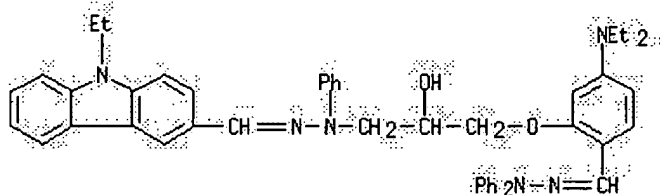
RN 688008-07-3 CA

CN Benzaldehyde, 4-(diethylamino)-2-[3-[[4-(diphenylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX NAME)



RN 688008-08-4 CA

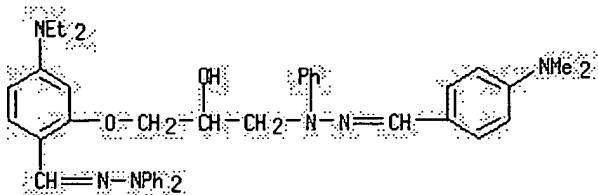
CN 9H-Carbazole-3-carboxaldehyde, 9-ethyl-, [3-[5-(diethylamino)-2-[(diphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazone (9CI) (CA INDEX NAME)



RN 688008-09-5 CA

CN Benzaldehyde, 4-(diethylamino)-2-[3-[[4-(dimethylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX NAME)

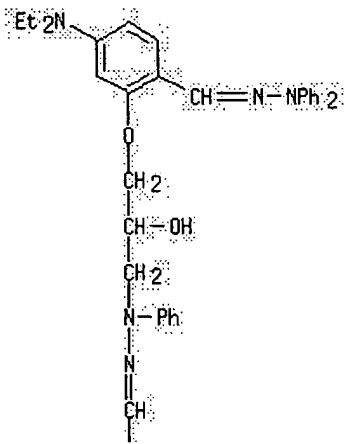
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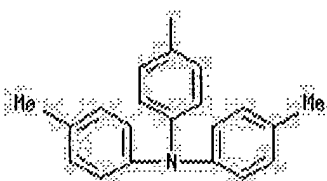
RN 688008-10-8 CA

CN Benzaldehyde, 2-[3-[[[4-bis(4-methylphenyl)amino]phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-4-(diethylamino)-, diphenylhydrazone (9CI)
(CA INDEX NAME)

PAGE 1-A



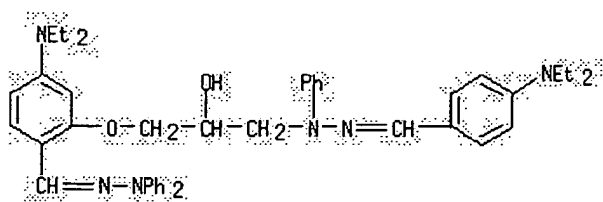
PAGE 2-A



RN 688008-11-9 CA

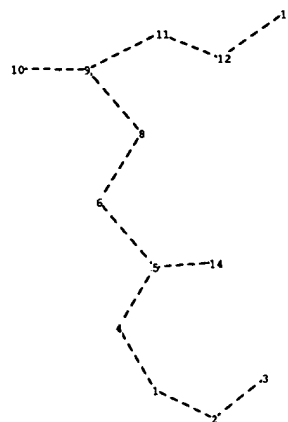
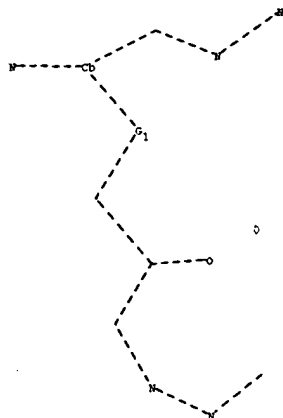
CN Benzaldehyde, 4-(diethylamino)-2-[3-[[[4-(diethylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropoxy]-, diphenylhydrazone (9CI) (CA INDEX NAME)

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=>

LS



chain nodes :

1 2 3 4 5 6 8 9 10 11 12 13 14

chain bonds :

1-2 1-4 2-3 4-5 5-14 5-6 6-8 8-9 9-11 9-10 11-12 12-13

exact/norm bonds :

1-2 1-4 2-3 4-5 5-14 5-6 6-8 8-9 9-11 9-10 11-12 12-13

G1:O,S,N

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 8:CLASS 9:Atom 10:CLASS 11:CLASS
12:CLASS 13:CLASS 14:CLASS